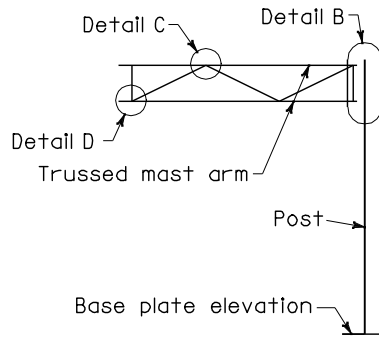
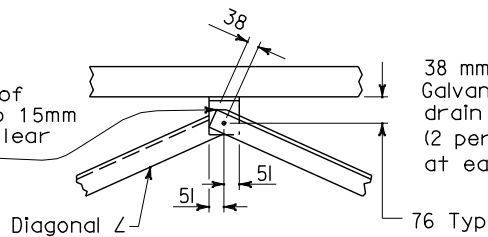


DOUBLE MAST ARM SERIES  
TYPE C-1

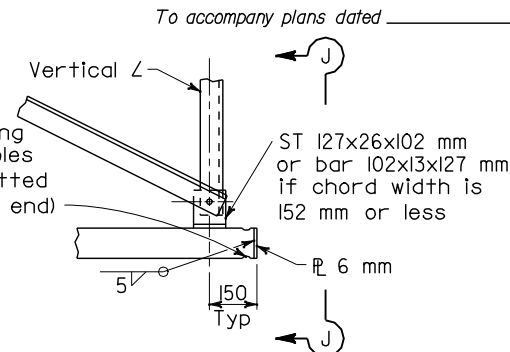


TRUSSED MAST ARM SERIES  
TYPE C-2

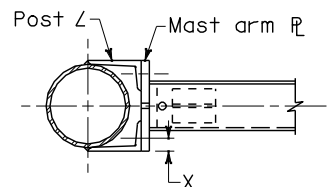
Clip corner of L89x64 up to 15mm if need to clear fillet of ST



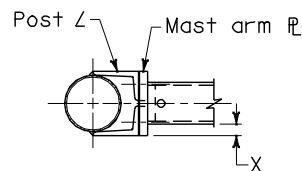
DETAIL C



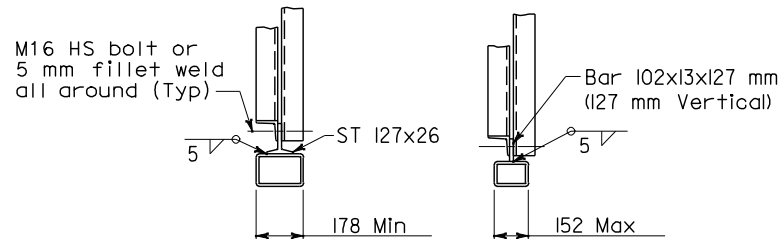
DETAIL D



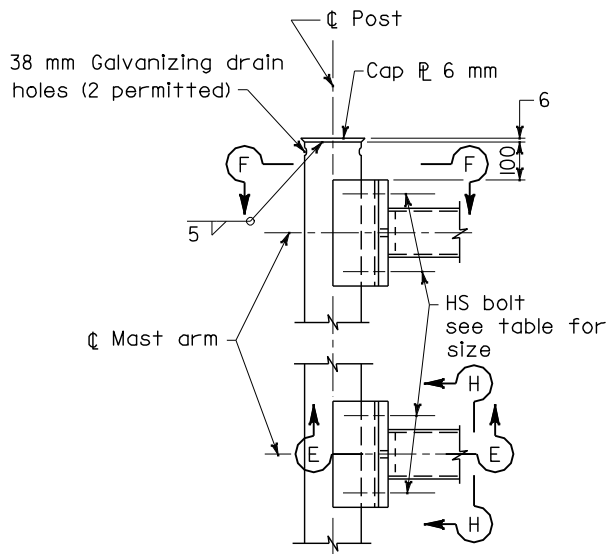
SECTION G-G



SECTION F-F



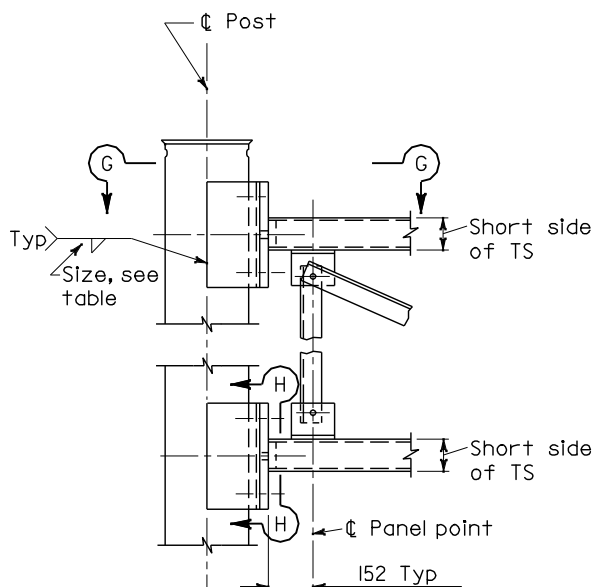
SECTION J-J



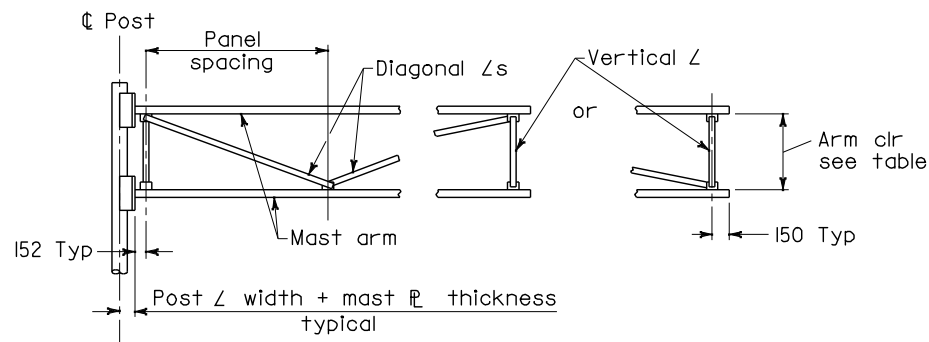
DETAIL A

NOTE

"T" equals vertical dimension of mast arm.



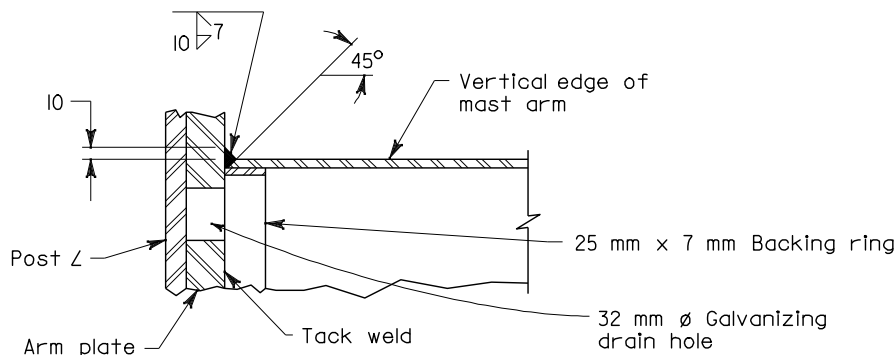
DETAIL B



TRUSS FRAMING DATA

SIGN DEPTH (mm)	ARM CLEARANCE (mm)	MAX PANEL SPACING (mm)	VERTICAL ANGLE (mm)	DIAGONAL ANGLE (mm)
D=1016-1778	610	1321	51x51x6.4	51x51x6.4
D=2032-2540	914	1981	89x64x6.4*	89x64x6.4*

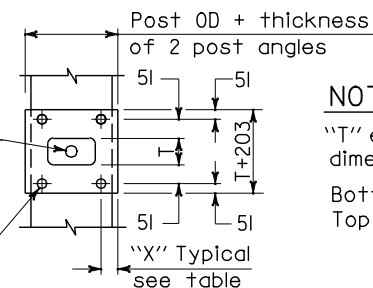
\*Short leg outstanding



SECTION E-E

32 mm Ø Galvanizing drain hole, Typ 7 mm clear of backing ring. Location may vary. Chased edges in plate.

HS bolt see table for size



SECTION H-H

NOTE

"T" equals vertical dimension of mast arm.

Bottom connection shown. Top similar.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

January 24, 2005

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER

Tillat Sattar

No. C42892

Exp. 03-31-2006

CIVIL

STATE OF CALIFORNIA

POST ANGLES			
POST SIZE	ANGLE (mm)	X (mm)	WELD (mm)
6	L 127x76x12.7	44	7
8	L 152x102x15.9	57	7
10	L 178x102x15.9	57	7
12	L 203x102x19.0	57	8
14	L 203x102x19.0	57	8

POST TO ARM FRAMING DATA

MAST ARM PLATE			
TWO ARMS	TRUSSED ARMS	PLATE (mm)	HS BOLT
TS 76x76x6.4		19	M16
TS 102x102x6.4		25.4	M16
TS 127x127x6.4		25.4	M20
TS 152x152x6.4		25.4	M20
TS 178x178x6.4	TS 127x76x9.5	32	M20
	TS 152x102x9.5	32	M22
	TS 178x127x9.5	32	M22
	TS 203x152x9.5	32	M22
	TS 254x152x9.5	32	M24

NOTES

For post connection to base L see RSP S48

For mast arm length and mast-arm-to sign panel connections see S46

See other plan sheets for:

1. Sign type and location.
2. Panel type and location on structure.
3. Post size and dimension "h".
4. Mast arm size.
5. Foundation type.
6. Illumination if required.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

## OVERHEAD SIGNS-LIGHTWEIGHT TYPE C CONNECTIONS DETAILS

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S45 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S45  
DATED JULY 1, 2004-PAGE 344 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S45